

Power Cost Memorandum Fuel Cost Update

Date: **March 17, 2022**

Utility Name (Cert. No.) City of Chignik (297)	Utility File No. PC31-0918I	Date Filed: February 16, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC31-091H	Staff Recommended Amount(s) and Effective Date PC31-0918I
Class Rate	Date Approved: July 2, 2021	March 18, 2022
All	\$ 0.1512	\$ 0.0400
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 1.6430	New Fuel Purchase Price: \$ 0.2536
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous <u>0.0010</u> Updated <u>0.0010</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	-	X	1.6430	=	-
Delivered	<u>16,572</u>	X	0.2536	=	<u>4,202.55</u>
	<u>16,572</u>				<u>\$ 4,202.55</u>
					Weighted Average <u>\$ 0.2536</u>

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 3/17/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RNP</i>		
Kurber		<i>KKL</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i>		
Wilson		<i>Jaw</i>		

Special Instructions to Staff:

*If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order

CITY OF CHIGNIK

POWER COST EQUALIZATION CALCULATION
FOR PERIOD ENDING JUNE 30, 2018

Fuel Cost Update

	PC31-091H		PC31-0918I
	Prior Commission Approval	Utility Requested	Staff Recommended
A. Total kWh Generated	934,335	934,335	934,335
B. Total kWh Sold (Appendix 2)	642,607	642,607	642,607
C. Total Non-Fuel Costs (Appendix 2)	142,049	142,049	142,049
D. Non-Fuel Cost/kWh (C / B)	\$0.2211	\$0.2211	\$0.2211
E. Total Fuel Costs (Appendix 2)	88,952	13,728	13,728
F. Fuel Costs/kWh (E / B)	\$0.1384	\$0.0214	\$0.0214
G. Eligible Costs/kWh (D + F)	\$0.3595	\$0.2424	\$0.2424
H. Eligible Cost/kWh (G) less base rate in effect	\$0.1592	\$0.0421	\$0.0421
I. Lesser of (H) or 79.97 cents/kWh	\$0.1592	\$0.0421	\$0.0421
J. Average Class Rates (Appendix 3) ALL	\$0.2157	\$0.2157	\$0.2157
K. Lesser of: (I) x 95% or (J) ALL	\$0.1512	\$0.0400	\$0.0400
	100%	100%	100%
L. Funding Level in Effect ALL	\$0.1512	\$0.0400	\$0.0400

PC31-0918I
Appendix 1

CITY OF CHIGNIK

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR PERIOD ENDING JUNE 30, 2018

Fuel Cost Update

		PC31-091H	PC31-0918I	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A. Personnel Costs		60,040	60,040	60,040
B. Operating Expense		36,339	36,339	36,339
C. General & Administrative		23,092	23,092	23,092
D. Depreciation & Amortization		20,662	20,662	20,662
E. Interest Expense (Income)		1,916	1,916	1,916
F. Other (Describe) Misc. Income		0	0	0
G. Total Non-Fuel Costs		\$142,049	\$142,049	\$142,049
Fuel Costs:				
H. Gallons Consumed for Electric Generation		54,141	54,141	54,141
I. Price of Fuel:(per gal) Weighted Average		\$1.6430	\$0.2536	\$0.2536
J. Total Cost of Fuel		\$88,952	\$13,728	\$13,728
K. kWh Generated		758,389	758,389	758,389
L. kWh Sales		642,607	642,607	642,607
M. kWh Station Service		24,738	24,738	24,738
N. Efficiency (K/H)	≥	Eff. Std. 11.5	14.01	14.01
O. Line Loss	≤	12%	12.00%	12.00%

(kWh Generated - (kWh Sold + Station Service))/kWh Generated

Average price of fuel:

	Gallons	X	Price	=	Cost	Weighted
On Hand		0	\$1.6430	=	\$0	Average
Delivered		16,572	\$0.2536	=	\$4,203	
TOTAL		16,572		=	\$4,203	\$0.2536

PC31-0918I
Appendix 2

CITY OF CHIGNIK

CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **Single Rate**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	0.4150	0.0010	0.4160	208.0000		
to						
to						
to						
Max 500			Total	208.0000	0.4160	0.2157

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

	Delivery Date	Gallons	Cost per Gallon	Delivery/Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		-			
Last Approved Fuel Cost/Gal.			\$ 1.6430		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->					\$ -
Reporting Period Purchases	10/24/2021	2,547.0	1.6500		4,203
*	10/24/2021	5,190.0	\$0.00		\$0.00
*	11/24/2021	3,954.0	\$0.00		\$0.00
*	11/24/2021	4,881.0	\$0.00		\$0.00
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		16,572			4,203
Grand Totals		16,572			\$ 4,203

Grand Total Cost divided by Grand Total Gallons =	<u>0.2536</u>	Grand Total Weighted Avg. Cost per gallon
Total Purchases divided by Total Gallons Purchased	<u>0.2536</u>	Total Purchases Weighted Avg. Cost per gallon

*Staff notes Chignik Bay Tribal Council purchased fuel for the City of Chignik . The 2,547 gallons, listed above, represents the last of the fuel the City of Chignik purchased. Staff notes in PC74-1103T, approved in Letter Order #L1000087, dated March 19, 2010, the City of Galena received fuel at no cost and it was processed on the fuel report with a \$0.00 cost per gallon just as Staff reported a \$0.00/gallon above.

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